



US005596482A

# United States Patent [19]

Horikoshi

[11] Patent Number: 5,596,482

[45] Date of Patent: Jan. 21, 1997

[54] **STOWABLE, PIVOTALLY ATTACHED PALM REST AND HANDLE FOR A NOTEBOOK COMPUTER**

5,347,630 9/1994 Ishizawa et al. .... 395/164  
5,443,320 8/1995 Agata et al. .... 400/715

[75] Inventor: **Seita Horikoshi**, Zama, Japan

[73] Assignee: **International Business Machines Corporation**, Armonk, N.Y.

[21] Appl. No.: **532,345**

[22] Filed: **Sep. 22, 1995**

[30] **Foreign Application Priority Data**

Sep. 22, 1994 [JP] Japan ..... 6-228295

[51] Int. Cl.<sup>6</sup> ..... **G06F 1/16; H05K 7/16**

[52] U.S. Cl. .... **361/683; 361/680; 400/715; 248/118.1; 364/708.1**

[58] Field of Search ..... 361/680, 681, 361/683; 364/708.1; 400/715; 248/118, 118.1, 118.2, 118.3, 118.4, 118.5; G06F 1/16

[56] **References Cited**

## U.S. PATENT DOCUMENTS

5,247,285 9/1993 Yokota et al. .... 345/169

*Primary Examiner*—Leo P. Picard

*Assistant Examiner*—Lynn D. Feild

*Attorney, Agent, or Firm*—Martin J. McKinley

## [57] ABSTRACT

Disclosed is a palm rest with a simple structure that can be stored in a lid of an electric device. A palm rest **10** is supported rotatable at a case assembly **14** within which a keyboard **34** is mounted. By rotating the palm rest **10** outward, an operator can rest his palms on it, thus facilitating key manipulation. When the palm rest **10** is positioned upright, it is retained within a lid **18**, which covers the keyboard **34**. In this case, the palm rest **10** does not project outward from the PC **12** and the PC **12** can therefore be stored without difficulty. Since a gap is defined between the palm rest **10** and the front wall of the case assembly **14** when the palm rest **10** is rotated forward, a user can slip his fingers through the defined gap and grasp the palm rest **10**, which then can serve as a handle for carrying the PC **12**.

**8 Claims, 9 Drawing Sheets**

